NEVADA SLURRY TANKERS

Specialist provider of
DAIRY EFFLUENT EQUIPMENT

NZ 0800 464 393
nevadagroup.co.nz

AUS 1800 963 490
nevadagroup.com.au

nevada®
Sustainable Effluent Management

COVER YOUR ENTIRE FARM

Welcome to Nevada

Your dairy effluent system needs to be future proofed, council compliant, safe, and maximising profitability for your farm! As accredited dairy effluent designers, Nevada's here to help you achieve that.

Nevada Slurry Tankers are manufactured from the highest-grade steel, galvanised inside and out to provide a heavy-duty performance that will last a lifetime. What's more, they all come with a Nevada RainWave™ nutrient spreader as a standard feature (other spreading options are available). Now you can really make use of that liquid gold!

Nevada Slurry Tankers allow you to reap the benefits of applying farm dairy effluent to pasture 'little and often' for increased fertility and pasture growth. Cover more of your farm with a Nevada Slurry Tanker.

We are here for you.

Nevada slurry tankers are trusted by New Zealand and Australian dairy farmers for safety and reliability. Endorsed by Farm Source our slurry tankers are supported with a two-year warranty, and backed by customer service that is second to none.


nevada
FARM DAIRY EFFLUENT SYSTEM
DESIGN ACCREDITED
2
Year
Warranty
Trusted for
Safety & Reliability®
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Why is a Slurry Tanker Your Best Option?

At Nevada we sell both slurry tankers and irrigators, but we do love our slurry tankers. Because we sell both, we've heard all the questions that farmers have wanted to ask over the years, so hopefully, you'll find the answers to your questions here.

Isn't it more time-consuming?

There is a perception amongst some farmers that a slurry tanker is a slow way to spread effluent and that couldn't be further from the truth. Slurry tankers are incredibly efficient systems. It takes three minutes to load 12,000 litres of effluent into a tanker and it takes three minutes to spread the contents of that tank. Let's say you have ten minutes travelling time to and from the paddock, which means you could spread up to 45,000 litres in an hour.

An electric system might do 20,000 litres an hour and that first hour is great because it switches itself on but now you have to set it up for another run and how much time does that take to drag the irrigator and hoses into place; an hour, an hour and a half? To do three runs you have to do three set-ups, you end up spending the whole day moving stuff around and you've only got 60,000 litres on your paddock, while if you are using a tanker, there is no setup, there is no mess, you control everything from the cab of your tractor. You just drive up to your pond, top-up and you're off.

Why do I need a tanker if I'm just spreading effluent around the cow shed?

The easy answer to that is you probably don't, but you could be missing a trick. It's quite common for people to spread effluent close to the cowshed, so they only cover 15-20% of the farm. Whether that is due to pump capacity, power availability or the length of their irrigation mainline, it means that over 80% of their farm is missing out from this valuable resource your cows are producing every day.

Effluent is rich in nutrients and with a slurry tanker you can reach every corner of your farm. This can save you thousands in fertiliser costs. You can also target the fields you have just grazed. Following your herd rotation will give the grass and soil the maximum time to reap the benefits of early fertilisation. This works out particularly well in Spring, a generally wetter time of year, when you have to move your cows more often. With an electric system, it is hard to create time to move the irrigators but with a slurry tanker it is easy to make it part of your daily routine and follow the cows.

Will a tanker damage my tracks?

All of our tankers have large floatation tyres that are braked and have tandem axles. The weight is spread evenly over the surface of the track, so there is minimal compaction. The tandem axles also have a steering rear axle that prevents scuffing; there is no skidding or dragging of the wheels. This makes the tankers highly manoeuvrable to help you navigate your farm, allowing you to access all those irregular-shaped paddocks that an irrigator can't get to. The tankers are also fitted with the world-leading ADR suspension system. This is not only more comfortable for the driver, it means the trailer is not bouncing over potholes. Large baffles within the tank, prevent the contents sloshing around and surging, so the weight is more consistent, making them very easy to tow.

An irrigator has a 40m spread, why is a tanker better?

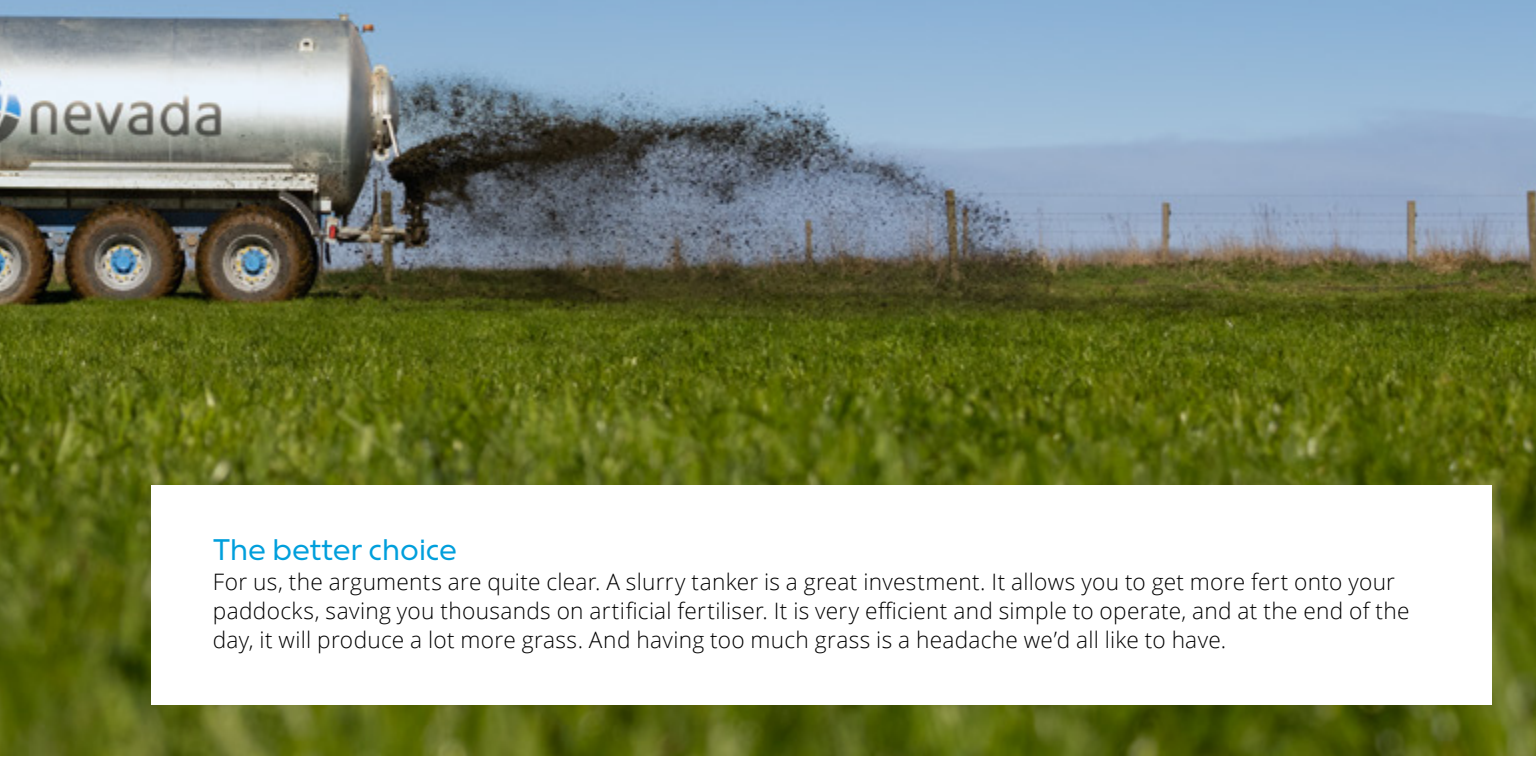
There are a couple of answers to that. Firstly, accuracy; you know exactly where you are spreading with a tanker. The tanker has a 12m spread, 4-5 metres either side of the tractor. That increases to 17m with a double rainwave spreader. To achieve a 40m spread, an irrigator creates micro dropplets. This mist is very difficult to control, it is thrown high in the air and is subject to wind drift and creates more odour. The tanker allows you to get to every part of your farm, closer to boundaries and waterways.

Wherever your cows go, the tanker can follow, creating grass for them to eat. The second advantage is the result of droplet size. The smaller particles that an irrigator creates are not only subject to more wind drift but also alight onto the foliage, which can result in foliage burn. The Nevada spreader creates heavier droplets that penetrate to the soil. This creates less odour, but more importantly, is better for soil health. The fert reaches the grass root zone and creates stronger, healthier plants.

Isn't an automated system better?

An automated system is literally a sunk cost, you are burying your capital expenditure. You can't re-sell it and have to live with where it is and what it can do. If you buy a neighbouring farm you're going to need more investment. A slurry tanker is not a fixed investment, it has a high resale value, if you have more land to service it is much easier to buy a bigger tanker. You can hire it out or go halfsies with your neighbour.

Maintenance is also much lower on a tanker. For a start, it is galvanised, and built to last. The pumps in a tanker work in a vacuum and are driven by compressed air, whereas the pumps in an irrigation system are in contact with the effluent, which is abrasive and very tough on machinery. Yes, an automated system works at a flick of a switch, but you have to take into account the time you need to set it up. Moving those irrigators into position is not only a lot messier, it also takes much more time.



The better choice

For us, the arguments are quite clear. A slurry tanker is a great investment. It allows you to get more fert onto your paddocks, saving you thousands on artificial fertiliser. It is very efficient and simple to operate, and at the end of the day, it will produce a lot more grass. And having too much grass is a headache we'd all like to have.

Nevada Single Axle Slurry Tankers

Ideal for smaller farms or if you need the ultimate manoeuverability.

Nevada Single Axle Slurry Tankers are a great choice if you've got a smaller farm or farm with softer soils. Manoeuvring in and around gateways and other tight access areas is a breeze, and you'll find less scuffing on grass (although a lot of Nevada tandem axle tankers have a steering axle).

Model	MB60-EX	MB60-EXA	MB80-EX	MB80-EXA	MB100-EXA
Tank Size	6,150L	6,150L	8,200L	8,200L	10,000L
Length	5.9m	5.9m	6.4m	6.4m	7.2m
Width	2.5m	2.5m	2.52m	2.52m	2.8m
Height	2.6m	3.3m	2.8m	3.3m	3.45m
Battioni Vacuum Pump Model	MEC 8000	MEC 8000	MEC 8000	MEC 8000	Ballast 13500M Air Injected
Vacuum Pump Flow	8,100L p/min	8,100L p/min	8,100L p/min	8,100L p/min	13,500L p/min
Axle Type	Single	Single	Single	Single	Extra HD
Wheels	560/45-22.5	560/45-22.5	560/60-22.5	560/60-22.5	600/55R26.5
Suspension	Drawbar optional	Drawbar optional	Drawbar optional	Drawbar	Drawbar
Auto-Filling Arm	No	8in Standard Front Mount	No	8in Standard Front Mount	8in Standard Front Mount
Applicator Type	RainWave™	RainWave™	RainWave™	RainWave™	RainWave™
Min Tractor requirements	60hp	60hp	80hp	80hp	100hp
Tare weight	2,380kg	2,530kg	2,880kg	3,300kg	4,500kg

Nevada Tandem Axle Slurry Tankers

Perfect for medium sized farms, tandem axle tankers perform better over rolling country, giving you a smoother ride than a single axle.

With more wheels there is less ground pressure, so you're less likely to get stuck in the paddock or mess the grass. Plus with the ability to cart loads of 10,000 litres and more, you'll be getting the job done a lot job quicker!

Model	MB100-4R	MB120-4R	MB140-4R	MB160-4R
Tank Size	10,000L	12,800L	14,700L	16,500L
Length	7.2m	7.6m	7.9m	8.4m
Width	2.55m	2.55m	2.55m	2.55m
Height	3.3m	3.3m	3.3m	3.3m
Battioni Vacuum Pump Model	Ballast 13500M Air Injected	Ballast 13500M Air Injected	Ballast 13500M Air Injected	Ballast 16500MA Air Injected
Vacuum Pump Flow	13,500L p/min	13,500L p/min	13,500L p/min	16,800L p/min
Axle Type	Tandem	Tandem	Tandem	Tandem
Steering Axle	Yes	Yes	Yes	Yes
Wheels	560/60-22.5	560/60-22.5	560/60-22.5	560/60-22.5
Suspension	Axle & Drawbar	Axle & Drawbar	Axle & Drawbar	Axle & Drawbar
Auto-Filling Arm	8in Standard Front Mount	8in Standard Front Mount	8in Standard Front Mount	8in Standard Front Mount
Applicator Type	RainWave™	RainWave™	RainWave™	RainWave™
Min Tractor requirements	100hp	120hp	140hp	160hp
Tare weight	5,000kg	5,300kg	6,000kg	6,800kg

Nevada Triple Axle Slurry Tankers

Trusted for Safety & Reliability

2 Year Warranty

These giants are the ultimate slurry tanker for contractors or if you've got a large or multiple farms, Suitable to spread 20,000L or more.

With so many more advantages for carrying the weight, triple tankers 18,250L+ are by far the most cost effective option. Tractors above 200hp will have no trouble pulling these big boys. Steering on all axles ensure they're very manoeuverable, and with six wheels on the ground there's a lot less ground pressure, perfect for flat and gentle rolling land.

Model	MB180	MB200	MB220	MB250	MB310	MB340	MB370
Tank Size	18,250L	20,150L	22,200L	25,000L	30,800L	34,400L	37,000L
Length	8.8m	8.8m	9.2m	9.2m	9.6m	10.4m	10.4m
Width	2.55m	2.55m	2.8m	2.8m	3.0m	3.0m	3.0m
Height	3.5m	3.56m	3.6m	3.6m	3.9m	4.0m	4.1m
Battioni Vacuum Pump Model	Ballast 16500MA Air Injected	Ballast 16500MA Air Injected	Ballast 16500MA Air Injected	KTS 1080 Air Injected & Water Cooled	KTS 1080 Air Injected & Water Cooled	KTS 1080 Air Injected & Water Cooled	KTS 1080 Air Injected & Water Cooled
Vacuum Pump Flow	16,800L p/min	16,800L p/min	16,800L p/min	18,000L p/min	18,000L p/min	18,000L p/min	18,000L p/min
Axle Type	Triple	Triple	Triple	Triple	Triple	Triple	Triple
Steering Axle	Two	Two	Two	Two	Two	Two	Two
Wheels	560/60-22.5	560/60-22.5	560/60-22.5	560/60-22.5	600/55-26.5	600/55-26.5	710/50-26.5
Suspension	Axle & Drawbar	Axle & Drawbar	Axle & Drawbar	Axle & Drawbar	Axle & Drawbar	Axle & Drawbar	Axle & Drawbar
Auto-Filling Arm	8in Standard Front Mount	8in Standard Front Mount	8in Standard Front Mount	8in Standard Front Mount	8in Standard Front Mount	8in Standard Front Mount	8in Standard Front Mount
Applicator Type	Duo RainWave™	Duo RainWave™	Duo RainWave™	Duo RainWave™	Duo RainWave™	Duo RainWave™	Duo RainWave™
Min Tractor requirements	200hp + Hydraulics	200hp + Hydraulics	220hp + Hydraulics	250hp + Hydraulics	300hp + Hydraulics	340hp + Hydraulics	340hp + Hydraulics
Tare Weight	8,440kg	8,640kg	9,640kg	10,440kg	11,140kg	12,040kg	12,540kg

Standard Features
FRONT VIEW

Internal Baffles
To prevent fluid surges.

Filling Arm
High capacity 8in Auto-Fill. Easily adapted to fill from left or right side (takes only minutes to change)

Huge Siphon Container
For vacuum pump protection

Galvanised Tank
High durability, high anti-corrosion, damage protection inside and outside the tank

Auto-Fill Retainer Clamp
For extra durability

Swivel Tow Hitch
Reduces jarring over uneven terrain and added safety in case of tanker tipping sideways. Scharmuller ball and spoon also available

Large flotation tyres
For safety on rolling terrain and reduced soil compaction. Longer-lasting, high resistance to puncture. Different sizes available on request

Pond Filling Station
With large 0.5m funnel for quick alignment. Rubber for flexibility and ultimate suction

Heavy Duty Italian Vacuum Pump
For high capacity loading and discharge

Tank Bolted to Full-Length Chassis
To increase durability

Looking for something bigger?
Give us a call today...

Standard Features
REAR VIEW

Tank Sight Glass
For easy viewing of effluent level

Steel Implosion Rings
Built into tank for increased durability

Pressure/Vacuum Gauge
For easy visual control

Large Rear Hatch
For easy access and cleaning

RainWave™
Achieves a wider spread.

Quick-Attach Suction Hose Coupler

Hydraulic Parking Jack
For quick and easy hitching

LED Tail Lights
For on-road use

Pre-Tensioned Drawbar Suspension
For smoother travelling

Heavy Duty ADR Hydraulic Brakes
Brakes on every wheel

Hydraulic Steering
(Tandem and Triple axle option) improves cornering with heavy loads

High Quality ADR Suspension System
(Tandem and Triple axle models) reduces jolts and impacts travelling through to the tank. Hydraulic or Air suspension also available. Providing greater stability and operator safety.

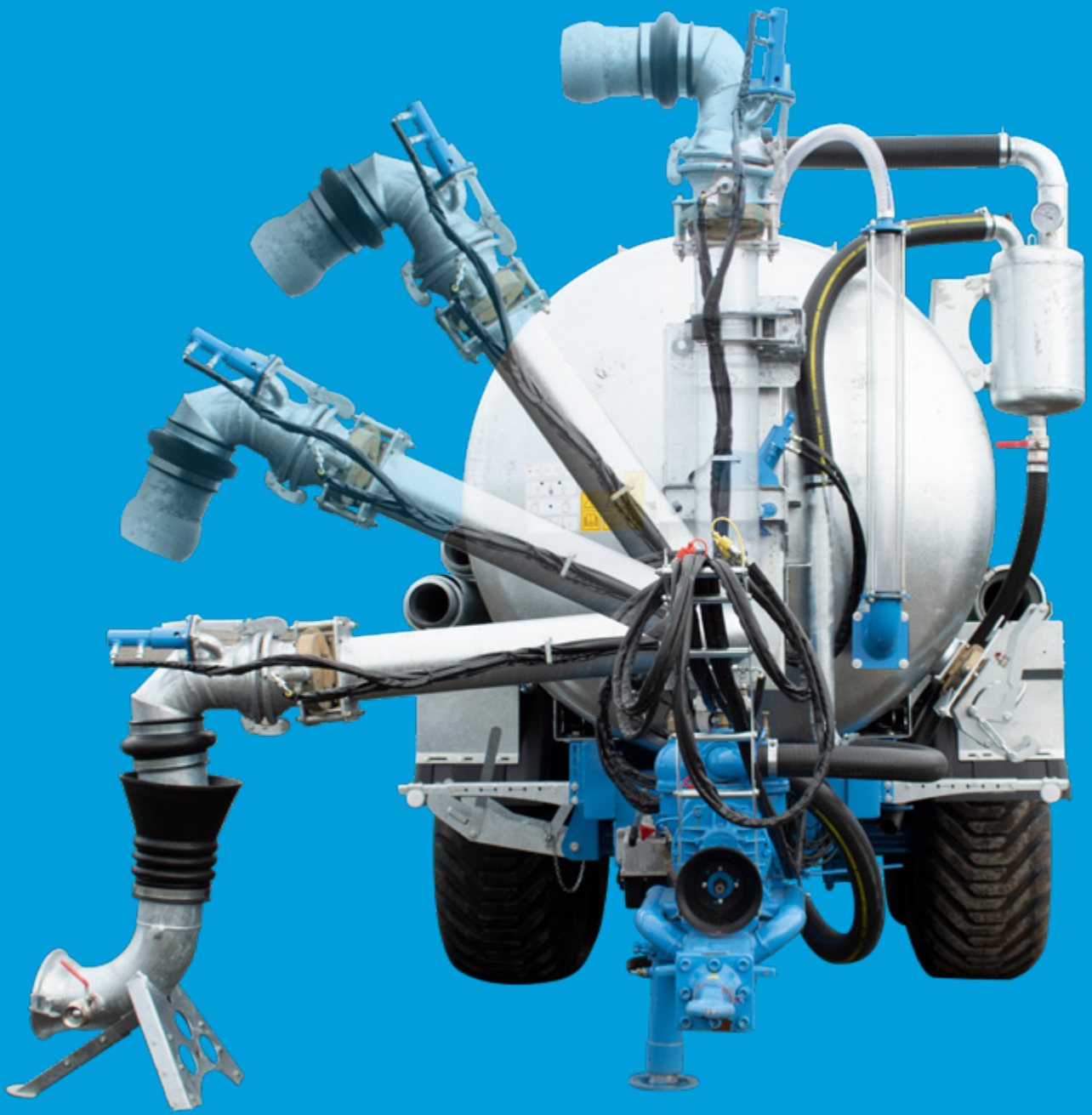
NEVADA FILLING OPTIONS

Large 8" Auto-Fill Arm

Standard on 10,000L and larger tankers, filling up your slurry tanker is a breeze with the addition of the Nevada Ezi-load system.

It can be operated from the comfort of the tractor seat - all you have to do is align the auto-filling arm with the large pond-side filling station, and drop it in.

Loading time depends on the size of the slurry tanker and pump capacity, but the Ezi-load will typically take only a few minutes to completely fill the tank. The arm is then lifted (again from the tractor seat) and the slurry tanker is ready to begin spreading to the desired location. We call this the Stop, Drop and Go system!



Non-Standard Options

Side Loading Arm

Side loading arms are best for contractors and farms with multiple storage ponds, giving you the ability to pull up and suck from the pond without the need for a hose and easel. Telescopic arms extend, giving you an extra 1m. Available in 8" (200mm) or 10" (250mm).

Loading Accelerators

Hydraulically driven pumps attached to the loading arm which force fluid into the tank, increasing suction speed and reducing filling time. Recommended on larger models.

Dorsal boom

Or double jointed filling arm is ideal for reaching into above ground tanks or out to ponds to suck up without the need for a hose and easel.
Size: 8" (200mm).


‘That RainWave™ is a huge advantage over other tankers. It’s exceeded our expectations.’
- Lyn Baggott, Dairy Farmer - Canterbury
nevada

APPLICATOR OPTIONS

Nevada RainWave™ vs Traditional Splash Plate

The main difference between a Nevada RainWave™ and a traditional Splash Plate effluent applicator is the way the effluent is spread.

A comparison we often use is to imagine the difference between shaking a hose from side to side, or getting a hose and putting your finger over the edge to create a fan. Each method has its advantages, but also different levels of efficiency when it comes to spreading nutrients on the farm.

Nevada RainWave™

The RainWave™ is designed to have an oscillating system that is self-driven. There is no hydraulic or electric drive, it simply oscillates from side to side to give a nice wide and even spread of effluent across the paddock. As the system oscillates, large droplets fall through the grass/crop onto the ground surface. There are virtually no wind drift issues and no volatilisation of nitrogen disappearing into the atmosphere. With minimal smell or odour, the Nevada RainWave™ gives an advantage for efficient and accurate spreading.

Standard on Nevada Single and Tandem Axle Slurry Tankers, the RainWave™ applicator provides a wider, more controlled spread compared to a splash plate applicator. Nevada's larger range of Tankers, the Triple Axle series come fitted with a duo RainWave™. Offering more control for larger tankers with a 17 metre spread width, plus creating a fast and efficient unload time, so you can easily go back and grab the next load.

Splash Plate

With a splash plate, effluent hits the plate with pressure to break up the particles. The fine nitrogen particles can dissipate into the atmosphere which causes wind drift. Particularly in windy conditions, airborne particles can make the tanker dirty creating more potential issues of odour. Splash plates lack efficiency with an uneven spread. With more placement just behind the tractor instead of out to the sides, the spread will not reach as far as other methods. However, a splash plate offers low maintenance and can be fitted to any tanker set up.

Results

In terms of spread and pasture growth results, the RainWave™ is more comparable to a dropper boom or trailing shoe, rather than a direct comparison to a splash plate. The RainWave™ may need occasional maintenance due to the oscillating mechanism, but is far less than implementing a dropper boom or trailing shoe as an applicator option.

Every Nevada Slurry Tanker comes complete with a RainWave™ applicator, making it easy for effluent spreading with little set-up. The Nevada RainWave™ can be easily retro-fitted to most slurry tankers, giving you a simple upgrade for better effluent distribution.

Not sure if a RainWave™ or a splash plate is the best fit for your set-up? Our team is happy to help – get in touch to find the right solution for your effluent management needs!

Nevada RainWave™

Nevada slurry tankers come with RainWave™ applicators as a standard feature.

RainWave™ nutrient spreaders use low pressure combined with an oscillating fan pattern to achieve a wider, more controlled spread. Larger droplets mean virtually no wind drift, allowing effluent nutrients to be spread evenly. Single and tandem axle tankers have a single RainWave™ (duo optional), and triple tankers come with duo RainWaves™.

Benefits

- Gentle low-pressure rain pattern
- High volume (100m³/h-200m³/h)
- Self-drive oscillating swiveling mechanism
- Ideal alternative to dropper booms
- Large droplet size, so very minimal wind drift
- Safe tractor speeds (less than 7km/h)
- Very even spread pattern, almost double a traditional splash plate
- Better nutrient use
- Less pasture damage
- Better for the environment
- Low application depth (1-10mm)
- Handles thick slurry (up to 20% solids)
- Low maintenance

Specs

Application width	12m Single, 17m Duo
Application depth	1-20mm
Volume	100m³/h-200m³/h

Nevada Trailing Shoe

Accurate placement while minimising odour, wind drift, and evaporation. Teamed up with a Nevada Tandem or Triple Slurry Tanker, this Trailing Shoe ensures unparalleled precision, delivering essential nutrients precisely where they are needed.

Thus minimising odour and evaporation. Effluent is placed directly to the soil (base of the plant) there is virtually no volitisation, wind drift, and no crop spoiling.

The Nevada Trailing Shoe assembly has a 8.6m working width and is ideal for farmers or contractors spreading up to 5,000,000 L/yr.

Features

- OPTICUT PROFI
- Rear lights
- Hydraulic clamping
- Manual width adjustment (with ball valve)
- Manual tramline shut-off (with ball valve)
- Hydraulic's controlled in the cab with Nevada's HydraHub

Specs

Working width	8.6m
Number of distribution hoses	40
Diameter of hoses	38mm
Number of cutting heads	1
System opening / closing time	15s/18s
System safety clamping	hydraulic
Weight	750kg

Nevada RainGun

If you're looking to spread over crops and hills as well as your standard paddocks, a RainGun may be just the thing.

Yes, you really can do it all with one machine!

RainGun's can be fitted to the top of any of the Nevada slurry tanker. Using a Garda pump (see more page 23), RainGun's spread up to 70m, allowing you to spread over areas where you cannot, or do not want to drive through. These could be hills that can't be reached, crop paddocks or over tracks.

For spreading over more standard areas simply use the standard RainWave™ applicator. It's easy to switch from the Garda pump to the slurry tanker's standard heavy-duty vacuum pump with the touch of a button, utilising Nevada's electro-hydraulic control system, HydraHub.

Disc Injector Unit

Want something with almost no odour, zero wind drift and no nitrogen loss? A disc injector may be your best bet.

As the name suggests, disc injectors inject effluent directly into the soil. Not only will you benefit from next to no smell, volitisation or wind drift, but the cows can return to grazing almost immediately.

Available in 6.4m or 7.2m working widths, disc injectors are larger, heavier units, requiring hydraulics and significant skill to operate.

In some areas, injecting directly into the soil can run the risk of leeching. For this reason, we generally only recommend disc injectors when it is necessary to inject directly into soil.

What is the Fastest Irrigation Method to Get My Paddock Back Into Rotation?

When it comes to implementing an effluent management style to get a paddock back into rotation, it is important to utilise a system that applies effluent thoroughly into the ground.

This can be approached either with an umbilical system, or a slurry tanker. With a RainWave™ attachment or trailing shoe system on a slurry tanker, a paddock can easily be irrigated often to maintain optimal nutrients.

Preparing Paddocks

There are limitations in where effluent can be applied when a farm has an irrigation system in place.
A slurry tanker is much more suited for faster irrigation methods that can be applied to any paddock, at any time, on the farm.

When there is a limited area, it can create a challenge for farmers who are applying effluent to paddocks too close to re-grazing. A quick return back into the paddock is typically not necessary when there is a good management system in place that involves spreading effluent behind the cows as they are moved to different paddocks.
This approach ensures nutrients are being applied efficiently for the next rotation.

Back Into Rotation

When it comes to getting your paddocks back into rotation and ready to graze again, there are certain times of the year that the grass could benefit from additional nitrogen. Particularly in early spring when the clover is not active, additional nitrogen can be added to the effluent to increase the impact on the soil in the form of UAN or dissolved UREA to ensure a better response. Additional nitrogen in the effluent is best applied with a slurry tanker that provides minimal loss of nutrients.

Slurry Tanker Application

Slurry tankers are the most effective method due to the fact there is full control of the application rate. It is easier to avoid drains, boundaries, water troughs, and other obstacles that can cause obstruction when irrigating paddocks. With a RainWave™ attachment, effluent is applied in larger droplets that apply nutrients directly to the root structure. Any other form of application causes loss of nitrogen as it passes through the air before being applied to the soil.

A slurry tanker also provides access to irrigation in one trip, which saves more time. Rather than having to irrigate over several days with a regular irrigation system, it is possible to do more than one paddock every few days. After milking, there is ample time to apply effluent quickly to paddocks to ensure absorption for the next rotation.

Fresh and Often

When there is restricted time and minimal staff available, it is easy to send workers out to fertilise a paddock.
A Nevada Slurry Tanker and RainWave™ attachment offer an easy set up and are straightforward to operate without getting dirty or the need to handle drag hoses. It is recommended to spread effluent little and often with a slurry tanker that is always ready to go anytime as fresh is best! Spread effluent as soon as possible after it goes into the pond or other effluent storage facility.

Never underestimate spreading fresh and often, as it gives a great return on investment and delivers excellent results. Chat with our team today to learn more about the best effluent management system you can implement for your dairy farm. With the right equipment and system in place, you can have healthy herds and paddocks all year round.

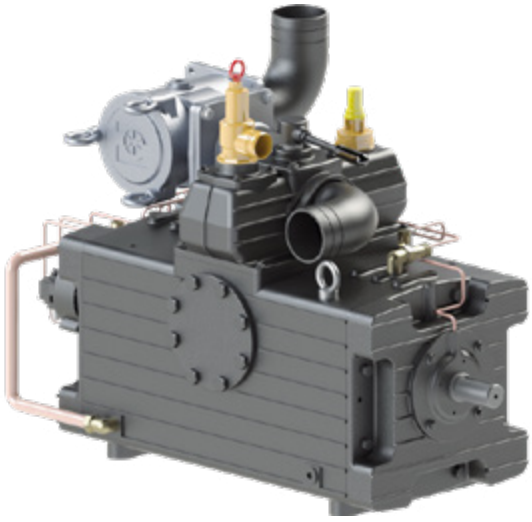
Vacuum Pumps

All Nevada Slurry Tankers have heavy duty Italian vacuum pumps as a standard feature. These PTO pumps are ideal for the majority of dairy farming operations and are equipped to handle thicker slurries.

The standard pumps for 6,000-8,000L models include long life vanes, and a long duty cycle providing a reliable and low maintenance operation ample for slurry tankers of this size/capacity.

Standard vacuum pumps on 10,000L models and larger include long life vanes, but are also air injected with integrated crash protection (ICP), and an even further increased duty cycle. Given the increased size, and therefore usage requirements of larger tankers, these vacuum pumps are specifically designed for near a continuous duty cycle of 70%.

Nevada 25,000L and up triple axle slurry tankers are fitted with a Battioni KTS 1080 Vacuum Pump (pictured right). The KTS design provides maximum performance by offering both water and air injected cooling systems, giving the KTS range a near continuous duty cycle of 95%. In the event of a vane crash, the KTS Crash Protection System prevents damage to the housing or rotor, allowing for quick and cost-effective repairs in the field.



ALTERNATIVE OPTIONS

Hydraulic Drive Vacuum Pumps

Hydraulic drive variants are available upon request. Hydraulic drive pumps are ideal if you're wanting an easier set-up with your tractor than PTO. They also reduce wear and tear on PTO and driveline components, especially with high maneouvering.

Water Cooled Vacuum Pumps

Water cooled vacuum pumps can be fitted where required. These are ideal for high demand applications with thick slurries, and/or when working in high ambient temperatures where air cooling alone would be insufficient.

** Further options available. Talk to us about your requirements.*

HYDRAHUB

GARDA Pumps

Garda pumps are dual pumps incorporating both a vacuum pump and a centrifugal pump for spreading when higher pressure is required.

Garda pumps are ideal in situations when you have an additional applicator such as the Nevada RainGun. It's easy to start spreading with a simple switch from the slurry tanker's standard heavy-duty vacuum pump to the Garda pump.

At Nevada, we've made this process easy with the touch of a button, thanks to our HydraHub electro-hydraulic control system. This additional electro-hydraulic system allows farmers to effortlessly switch pumps from the comfort of their cab using the wireless controller.

Axle Assembly

Parabolic Leaf Spring Suspension

Nevada Slurry Tankers are built with a drawbar incorporating multi-leaf spring suspension to absorb shock loading, protecting the tractor and driver from stress and fatigue.

Nevada Tandem and Triple Slurry Tankers also include parabolic leaf springs on the axles. Parabolic leaf springs are selected for thier improved stability and reliability. This allows for faster smoother riding and reduced track damage.

Hydraulic Braking on Every Wheel

All Nevada slurry tankers include large hydraulic braking on every wheel to ensure a safe and reliable operation, as well as a manual park brake.

Floating Self Steering

Nevada tankers are built with caster steering and hydraulic lockout, providing easy turning for the majority of farming situations.

Wheels & Tyres

	Standard	Alternative Options
6,000 & 8,000L Single Axle	560/60 R 22.5	650/50 R 26.5
10,000L Single Axle	600/50 R 26.5	710/50R 26.5
All Tandem Axle Models	560/60 R 22.5	600/55 R 26.5, 650/50 R 26.5
All Triple Axle Models	560/60 R 22.5	Large range of options depending on the tanker size and farm requirements.

** Further options available. Talk to us about your requirements.*

ALTERNATIVE OPTIONS

Hydraulic & Pneumatic Suspension

Hydraulic and pneumatic suspension is available on request for tandem and triple axle models. Standard on Triple Axle Slurry Tankers 30,800L and up.

Lift Axle

Triple models also have the option of a hydraulic lift axle which raises when the tanker is empty. Or when extra drawbar weight is required. Only available with hydraulic or pneumatic suspension.

Forced Steering

Contractors doing a lot of work moving around tight corners, or having to back up around tight corners opt for forced steering, where steering is hydraulically driven from the tractor.

ON FARM
SUCCESS STORIES

Liz saved $20,000 in fert

Based twenty minutes outside of Rotorua in Hamurana, Liz Hodgson runs 240 friesian cows on 136 hectares that supply Open Country Dairy and the family business Volcanic Creamery.

Liz alongside her son Hamish provide cafes and stores around the Bay of Plenty with premium milk and yoghurt. "We started this business here as a value add for our farm and to give us a bit more control over the product we are selling," Hamish said, "taste is another thing altogether. It's unreal, it's amazing, we have so many loyal customers that swear by our milk and that's really what makes it all worth it." With a product that is better for the environment with sustainable packaging, the family business was looking to upgrade to better quality dairy equipment to match the growing need for efficient systems on the farm.

More efficiency

Before upgrading to Nevada, Liz was worried about the effluent system in place. "When I had the old system, I was always worried that an inspector would turn up or something wasn't quite right.
It was really hard to not get runoff with the old spreading system. The tanker is just a game changer. There is no stress, you spread it when the conditions are right. You get all over the farm, and no stress," Liz said.

Environmental regulations were increasing and due to living in a high rainfall area, equipment failure and runoff were a major concern. "I had a stationery rain gun, which was suitable for the contour, good for getting on hillsides, but just not that efficient and a constant worry that something had gone wrong with it," Liz said. Alongside the stationery rain gun, Liz previously was using a basic pond stirrer that operated in the middle of the pond that was difficult to access. Liz noted, "There was probably a metre of sediment that sat at the bottom of the pond, which was impacting the capacity of the pond."

Liz decided to invest in more efficiency and less mess by upgrading to a Nevada electric shore mounted stirrer. With simple install and easy maintenance, the stirrer is now able to keep sediment from building up on the bottom of the pond. "Several features with the stirrer really appealed to me. The fact that the electric stirrer is shore mounted, but you can literally alter the angle of it and the depth into the pond with one hand on a pulley system," Liz said.

"I haven't actually bought any fertiliser in for a year now, and I honestly don't think I will be,"

Better coverage

While initially Liz was looking to just upgrade to an electric pond stirrer, it was the pamphlet left on the table that helped her notice how much value a slurry tanker could bring to the farm. With the previous effluent management system, Liz was only able to spread effluent around the 40 hectares near the cow shed. By upgrading to Nevada, she is now able to spread effluent to 90% of the farm.

The pasture looks healthier and greener with the utilisation of effluent that was already available on the farm, which saves the farm over $20,000 in costs for fertiliser a year.

No runoff

"Prior to putting in the Nevada stirrer and effluent tanker, it was just an absolute nightmare on a daily basis," Liz remarked. When it came to making the decision about the tanker, Liz chose the Nevada 12,800L Single Axle Slurry Tanker. "The RainWave™ at the back is awesome, even spreading, good droplet size, no runoff," Liz said.

The main appealing feature of the slurry tanker is the minimal load time with three minutes to load nearly 13,000 litres and three minutes to empty. "It doesn't get much better than that," Liz noted. Drive up to the filling station, drop the auto-fill arm and fill up all from the tractor seat.

Easy to use

Liz's main concern before upgrading was about operating the tanker on her own, but Nevada's slurry tanker makes the process is easy. "I'm not a tractor person by choice, but if I can use it, anybody can use it. It's super easy," Liz said.

Hamish says their milk is the best A2 milk in New Zealand and with the help of an electric stirrer and slurry tanker that has eased daily effluent management processes, the family can focus on delivering great products to customers around the Bay of Plenty. "If anybody is looking at a new stirrer or a tanker, Nevada's been great. They are great. The product is exceptionally well made and very easy to use. And the backup from the team at Nevada is great," Liz said.

As Liz points out, "It's been an absolute game changer. Just removed all the stress from the effluent system."

AT-A-GLANCE

Liz Hodgson

REGION
Bay of Plenty

FARM SIZE
136ha

CONTOUR
Undulating

COWS
240

INPUTS
System 5
& grass silage

EFFLUENT STORAGE
3,000,000L
HDPE lined pond

PRODUCTS

- Nevada 12,800L Tandem Slurry Tanker
- Nevada ELZ915 Electric Stirrer

Figures are approximate only.

Watch Video Online

Working a Slurry Tanker on Rolling Hills

Based in Dorrigo, NSW, Scott runs 200 Jersey cows across 215ha of rolling hills and pasture. His Nevada tanker has become his prized purchase, reducing his fertiliser cost by around 30-40%.

Creating silage

On Dorrigo Plateau there has been an unusual amount of rain this year, 68 inches (1,727mm) so far, so Scott takes every chance he can to feed the new growth of silage. His cows are fed mainly on grass and then silage for four or five months of the year. Right now, it is a change season when he'll switch from kikuyu to rye grass and oats, so he'll follow up the planting with slurry to get the nutrients back into the soil and give his new growth a kick-start.

Working on sloped ground

And even though there has been more rain than usual, once the sun comes out, his 10,000 litre slurry tanker has not had any issues with the rolling hills his farm sits on. Even though it is carrying 15 tonnes of effluent, he has not seen any damage to his paddocks or tracks.
The softer ground did make it more difficult to get to the steeper parts of the paddocks until he learned to start spreading on the flat first and then move up the slope as the tank got lighter.
What he really likes is that he can reach his whole farm without any worries.
The RainWave™ applicator deposits heavy droplets onto the soil, so there is virtually no run off and minimal wind drift.

Better coverage

Before he got the tanker, he had a traveller with 600 metres of mainline, which limited coverage to just 15% of the farm. It was messy and there were always blockages. With the tanker, he is now covering 70% of his farm and he reckons he has reduced his fertiliser cost by 30 to 40 per cent.

Plus, his old system could only be used on rectangular shaped paddocks, which wasn't a great fit for the topography of his farm. With the Nevada tanker, he can reach even the odd-shaped paddocks.

Scott came to Nevada because the standard machine had everything on it he wanted. The auto-fill feature and the fact that all four wheels are braked, sealed the deal. It was exactly what he needed for the rolling hills on his farm.

The Nevada auto-fill arm feature stood out for him. With the eight-inch suction, it takes him just three minutes to fill the tanker. He doesn't have to get out the cab, no mess, no problems, he just fills up, switches on a podcast and starts spreading.

The purchase process was easy too. Scott was worried that getting a machine from NZ would be a bit of a drama, but all it took was one phone call and eight weeks later it rocked up to his farm.

Advice, "Just get into it."

Scott thinks getting a Nevada tanker has been one of the best decisions he has ever made for his farm. It is not just the cost savings he's made, it's also simple and easy to use, as well as being fast and efficient. "I've had my wife and my teenage daughters use the machine, and they love it."

Watch Video Online

AT-A-GLANCE
Scott Connell

REGION
Dorrigo, NSW, Australia

FARM SIZE
531 acres (215ha)

CONTOUR
Rolling to steep

COWS
200 Jersey

INPUTS
Grass & silage for 4-5mths/yr

EFFLUENT STORAGE
200,000L
Clay lined pond

PRODUCTS
- Nevada 10,000L Tandem Slurry Tanker

Figures are approximate only.

"The old system could only be used on rectangular paddocks. Now we can weave and duck and do all sorts - it's a good fit for this farm."

Get More Done in Less Time

From investing in a state-of-the-art Nevada slurry tanker to adopting technologies that reduce environmental impact and improve farm productivity, John's story is one of resilience, resourcefulness, and forward-thinking. Here's how this multi-generational farm continues to grow and thrive while embracing modern agricultural advancements.

Located in the Waikato region just 10 minutes from Cambridge is John Charlton's family farm of 105 years. What started as 40 hectares has grown to 112 hectares of thriving farmland. "My father has been very passionate about buying land as it has come up and we've been able to purchase little bits as we go," John said.

John and his wife have leased their flat contour and sandy loam soil farm for 20 years from the family. With 340 cows split into two herds of Jersey and Fresian cows, the paddock rotation is made easier with the varying sizes of each section. "It works well with a two-herd system," John remarked.

Keep it simple

Being a System 3, the farm consists of in the shed feed and round bale silage with the cows on pasture all year round. When it comes to the effluent management system, John keeps it as simple as possible. The effluent system includes a 500,000 litre bladder tank for the bulk of storage along with a 30,000 litre underground tank that is gravity fed from the shed itself. The underground tank is pumped directly to a slurry tanker, and then spread throughout the farm regularly.

As technology has changed over the years, it has made it easier to spread effluent more efficiently and with less hassle. The family farm has never used an irrigator and has continually utilised slurry tankers since the 1950s. "Our previous systems were very similar using slurry wagons, but the advances in the Nevada ones make it a lot more efficient and easy for staff to use," John noted.

When it came time to upgrade, John purchased a **Nevada 10,000L Slurry Tanker** which provided the equipment to spread effluent at a low rate across a large portion of the farm. "The process for purchasing was very simple. It was very easy and the delivery was very simple as well even though we are not in the same district. And the follow up service has been good as well," John said.

Working the whole farm

The flexibility of the Nevada single axle slurry tanker offered better navigation through narrow gateways, the ability to get near hedges, and space awareness to avoid troughs. With many lifestyle block owners nearby, John was concerned about lowering wind drift while still being able to reach the furthest corners for even growth across the paddocks. To go alongside the slurry tanker, John chose a RainWave™

John has increased capacity and lowered the fertiliser bill by getting effluent onto 90% of the farm with a Nevada slurry tanker.

Watch Video Online

attachment, which ensured effluent application closer to the ground with fewer particles going above the hedgeline. John immediately noticed the difference of less wind drift, enabling him to get closer to hedges and boundary fences without concern.

Internal galvanisation

Over the last 10 years, John has tried other brands of slurry tankers with features that didn't offer longevity or ease of use. Previous slurry tankers did more damage turning sharp corners and going through tight gateways on the farm. When researching what slurry tanker could offer all the features he was looking for, it was the double galvanisation that sealed the deal. "The internal galvanising, which is not always the same in all tankers in the ones we were quoted, were not internally galvanising, so that was a big attraction... and I've already seen evidence of the extra galvanising on the Nevada tankers doing its thing, it's clearly a better long lasting product than what I've used in previous effluent tankers," John said. Additional advantages of the features included easy maintenance, floatation tires, large side glass, and an auto-filling arm that saves staff from having to manually connect pipes. The system provided no challenges in setting up and continues to be a valuable asset on the family farm.

Instant response

John has increased capacity and lowered the fertiliser bill by getting effluent onto 90% of the farm with a Nevada slurry tanker. "We find it works a lot better for our system to spread regularly and it just allows that instant use of fertiliser of the effluent onto the farm paddocks and the instant response we get from following the cows around on the pasture rotation," John noted.

For farmers who are looking to get a slurry tanker, John said "it's not as time consuming as you might think."
The efficiency of the technology and the design of the slurry tanker allows for greater capacity of loads in less time, making it easier for staff to get the job done. "I would recommend the Nevada tanker for the ease of use and the efficiencies of all the technology involved on it with the auto-fill arm and the RainWave™. And it's very easy for myself and the staff to use. So yes, I would recommend it for sure."

AT-A-GLANCE
John Charlton

REGION
Waikato

FARM SIZE
112ha

CONTOUR
Flat with some hills

COWS
340

INPUTS
System 3
Grass and Silage

EFFLUENT STORAGE
500,000L Bladder Tank

30,000L Under Ground Tank

PRODUCTS
- Nevada 10,000L Single Axle Slurry Tanker

Figures are approximate only.

Effluent Management Made Easy

Nestled in the heart of the Waikato, near Otorohanga in the Otewa region, lies a thriving family-run dairy farm spanning 222ha. Home to 480 cows, managed through a 36-bale rotary cowshed with a split calving season in spring and autumn.

Fabian along with his wife Kylie and kids run a system 3 to 4 with maize, grass silage and DDG all year round along with Lucerne that is grown on farm.

Kylie looks after all the milking and manages AI for calving while Fabian looks after the effluent management system that previously was a messy hassle of a task. Before switching to Nevada, the dairy effluent management system consisted of an old truck pump and an electric pump that ran to stationary or travelling cannons. The cannons were slow and time consuming to put into place. "It was an absolute nightmare as far as weather was concerned trying to get it out in time," Fabian said. Spray drift was also a great challenge, which prompted a call from the neighbour asking for him to turn off the cannons due to the smell. In a need to finish the job, he offered the neighbour $100 for them to go out to dinner.

A present from Santa

With compliance changes and the need for more capacity, Fabian decided to implement a 20 million litre pond with a weeping wall system and concrete tank. After not doing anything with the pond for two years, Fabian figured, "I would get myself a Christmas present and I told my wife I wanted a Nevada tanker."

Fabian received a **Nevada 12,800L Tandem Slurry Tanker** that year for Christmas that could be filled via the concrete tank next to the weeping wall, which is gravity fed from the lined pond at the top of the hill. Fabian noted, "I've owned a Nevada tanker for 5 years now. It's really low maintenance." Only minor upkeep is needed and the RainWave™ attachment releases larger droplets that provide less wind drift. "I'll drive around my house, my tenant's house, I don't have any issue and I haven't had a complaint," Fabian said. Even the others in the district noticed the spread pattern from a Nevada tanker was nicer than their tankers from other companies.

When asked why he chose a Nevada tanker, Fabian noted his father worked for a galvanising company in Australia years ago that informed the decision. His father said, "anything galvanised lasts." The silver bullet of a tanker also offers an 8inch auto-fill arm function, which allows Fabian to stay in the tractor instead of managing messy irrigators.

Faster grass recovery

An additional benefit of the tanker is the ability to utilise the nutrients from effluent directly, instead of applying artificial nitrogen. With more reach to crop paddocks further away, Fabian has noticed the benefits in the maize and grass growth. "We had four years of drought in a row, some really hard summers, feeding constantly, so twice a day feeding," Fabian said. To help with the drought, he would often spread effluent with the Nevada Slurry Tanker until two or three in the morning. "Some might say I was crazy, but we recovered a lot faster as soon as we got five millimetres of rain or anything like that. Our grass jumped out of the ground."

70% better coverage

Fabian is able to access 70% more of the farm with greater capacity to grow grass and increased days in milk. "I recommend Nevada slurry tankers to anyone," Fabian said. It only takes three minutes to load and three minutes to unload, with the majority of the time spent travelling across paddocks. "I'm comfortable taking the tanker everywhere that I can get," he said.

When asked what he thought of the Nevada Slurry Tanker, Fabian responded, "The Nevada tanker was number one for me, love it."

"I'm comfortable taking the tanker everywhere that I can get"

AT-A-GLANCE
Fabian Pereira

REGION
Waikato

FARM SIZE
222ha

CONTOUR
Flat to rolling with hilly back country

COWS
480

INPUTS
System 3-4, Maize and Grass Silage aswell as DDG and lucerne

EFFLUENT STORAGE
20, 000, 000L HDPE Lined Pond, with a weeping wall System and concrete tank.

PRODUCTS
- Nevada 12,800L Tandem Slurry Tanker

Figures are approximate only.

Watch Video Online

An Easy Decision

In the deep south of New Zealand just a short way away from Gore, Ben and his daughter Mackenzie farm 135ha with 380 cows in Riversdale.

With a farm that is flat to easy rolling contour, they supply Fonterra and now operate with a **Nevada 12,800L Tandem Slurry Tanker**, and **Nevada TurboStir™ 6000**.

Prior to buying the Nevada Slurry Tanker, Ben and Mackenzie were using a hard hose cannon with an electric pond to irrigator pump. The irrigation system worked initially for their farm, but it was limited and only able to reach 70 hectares. Taking the approach of a hard hose took eight hours of labour to cover a 400 metre section that covered 120 cubic metres. By upgrading to Nevada, Ben says, "The cost analysis is looking great." They can now deliver 300 cubic metres in the same amount of time, nearly tripling their capability.

The best upgrade

Their previous effluent management system was only able to suck liquids from the pond, which left valuable nutrients in the solids behind. The shift to Nevada equipment saves them time, as well as delivers valuable nutrients across to further paddocks they could not reach before.

Mackenzie said, "Mum's not complaining about stinking all her washing and clothes and having whites that aren't exactly white anymore from filthy overalls."

The process to set up the new system was fast and effective. With the product conveniently already in stock, Ben and Mackenzie were quickly set up with a Nevada 12,800L Tandem Slurry Tanker. The simplicity of operation with three hydraulic spools double acting on the tractor, one brake line, a fast 8in auto-fill arm, and no electronics, the slurry tanker is paired perfectly with a **Nevada RainWave™** to dispense effluent across a 12 metre spread.

Better use of effluent

Their choice for a Nevada TurboStir™ 6000 is now able to mix the pond for better consistency of spread, ensuring nutrients are evenly distributed across the farm with minimal loss. With cows being fed on crop, baleage, and straw, the increase in yields benefit every aspect of their operations. Even after a few heavy days of rain, the slurry tanker can handle the terrain with ease without damaging the paddocks. "Having to just plug-in the hydraulic hoses in the back and running it off the joystick was a game changer for us," Mackenzie said.

The benefits to their effluent management system were seen immediately with the increase in access to anywhere on the farm. They are no longer limited to where the initial irrigation lines were set up. Ben and Mackenzie are now able to manage three loads in a day with the Nevada Slurry Tanker that benefits nutrient value and saves them time.

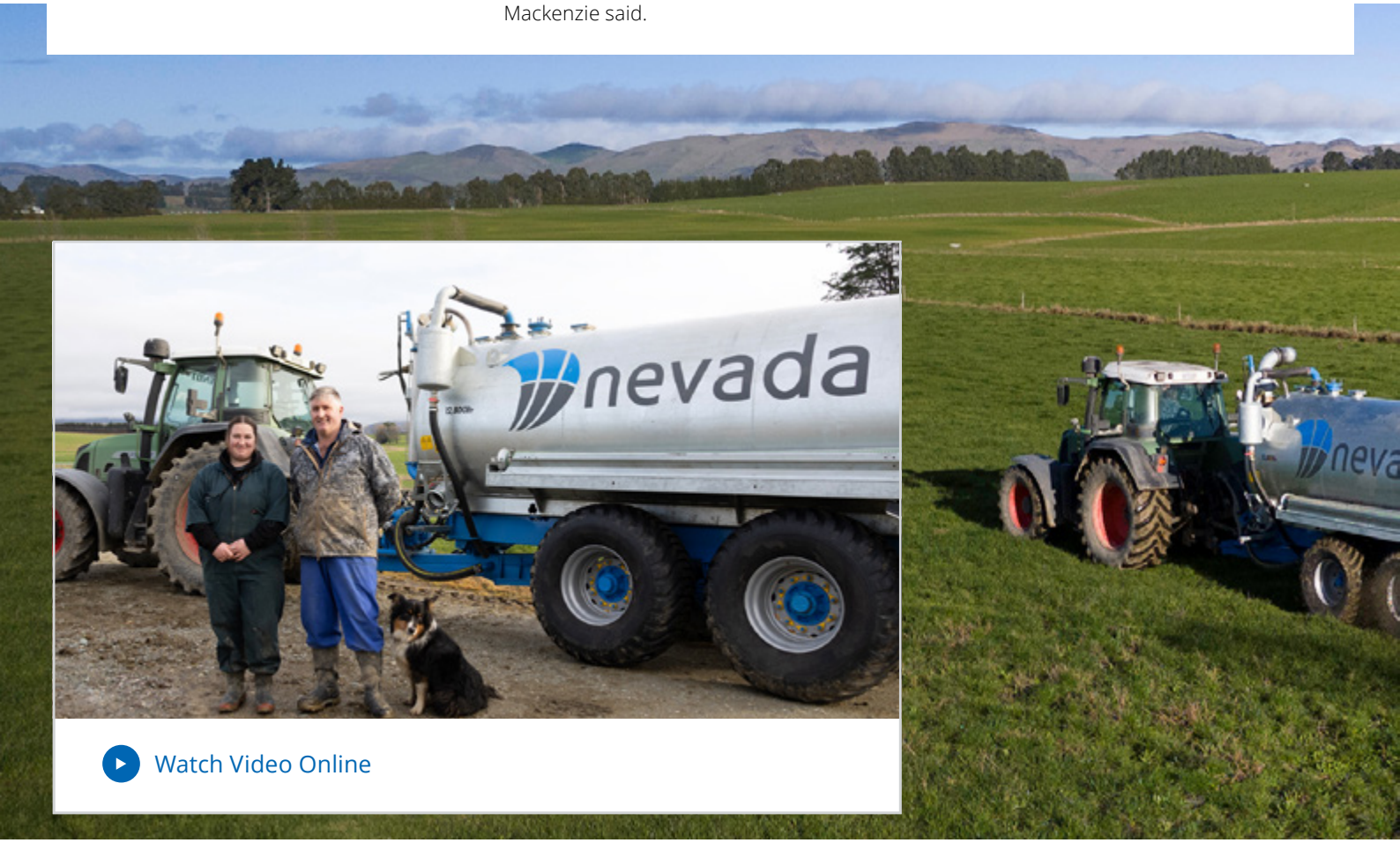
Highly recommended

"We would definitely recommend Nevada to anyone if they were looking to upgrade their system. They have been absolutely fantastic to deal with and love their products," said Ben.

"Investing in the Nevada Tanker was a big win for us," Mackenzie remarked,

"You could customise your effluent system through Nevada to work perfectly for the farm or conditions you're in, so 100% I would recommend it."

At the end of the day, Ben and Mackenzie can throw their washing in much cleaner than before with Nevada not only changing their workload, but making the day easier for the whole family.



Watch Video Online

AT-A-GLANCE
Ben & Mackenzie

REGION
Southland

FARM SIZE
135ha

CONTOUR
Flat to rolling

COWS
380

INPUTS
System 3/4, crop & grass silage

EFFLUENT STORAGE
1,800,000L
2 x HDPE lined

PRODUCTS
- Nevada 12,800L Tandem Slurry Tanker
- Nevada TurboStir™ 6000

Figures are approximate only.

"Having to just plug-in the hydraulic hoses in the back and running it off the joystick was a game changer for us"

Out With the Old, in With the New

AT-A-GLANCE
Brian & Ross Williams

REGION
South Taranaki

FARM SIZE
130ha

CONTOUR
Flat to rolling

COWS
400

INPUTS
System 4

EFFLUENT STORAGE
1,000,000L
Clay lined

PRODUCTS
- Nevada 12,800L Tandem Slurry Tanker
- Nevada TurboStir™ 6000

Figures are approximate only.

Brian and Ross Williams are a father and son team situated in South Taranaki where they operate on 130ha with 400 cows on flat to rolling land. When consent was up, they looked for a local and trustworthy company that could help them run their dairy farm with efficiency.

Meeting compliance

The farm previously relied on a system that was put in place 30 years ago with the cow shed being located 500 meters away [from the effluent pond]. Occasionally Brian and Ross would call in a local contractor who would suck the ponds out for them in order to spread the effluent onto the paddocks. When their compliance was up, they knew it would be a larger expense to connect power down to the ponds for a traveling irrigator system that met compliance.

Instead of opting for a higher expense and more complex installation, Brian and Ross called Nevada to find the right system for the job. They opted to utilise their 112-horsepower tractor to pull a Nevada 12,800L Tandem Slurry Tanker that does an average two to three loads a day or a full day a fortnight.

Utilising a Nevada slurry tanker system helped them cut costs and share the responsibility of spreading effluent evenly to all paddocks. Brian noted that, "We chose Nevada cause they are local and I like supporting local businesses. I've certainly read enough about the equipment and seen enough of their tankers throughout the country to know that they're good."

More coverage

They found a slurry tanker was easy to operate and could manage spreading effluent across 90% of the paddocks with a good natural fertiliser that comes directly from the cows on their farm. Instead of applying effluent in the same place every time, a Nevada tanker system helps them reach poor paddocks and spread effluent evenly.

With no challenges setting up the system, they have owned a **Nevada 12,800L Tandem Slurry Tanker** and a **Nevada TurboStir 6000 PTO Pond Stirrer** since early 2023. They enjoy the assurance of Nevada's team only being a phone call away to help with any issues they may have.

More efficiency

Both Brian and Ross would recommend Nevada to other farmers who are looking to put in a reliable and efficient effluent system that makes it easy to meet compliance. In Brian's words,"This 12,800 litre Nevada slurry tanker does the job."

Watch Video Online

"I've certainly read enough about the equipment and seen enough of their [Nevada] tankers throughout the country to know that they're good."

What do a slurry tanker and robotics have in common?

AT-A-GLANCE
John Duindam

REGION
Deloraine, TAS, Australia

FARM SIZE
160ha

CONTOUR
Flat to slight roll

COWS
180 Fleckvieh cows

INPUTS
Grass & silage

EFFLUENT STORAGE
4,000,000L
Clay lined pond

PRODUCTS
- Nevada 10,000L Single Axle Slurry Tanker
- TurboStir™ 6000 PTO Pond Stirrer

Figures are approximate only.

You can't stand still in farming, the future is always biting at your heels. But that means there is always the opportunity to learn something new and improve. John Duinham is future-proofing his farm with new ways of thinking.

Looking to the future

At the moment, he is transitioning to robotic farming. It's a high-tech solution but he is combining that with a tried and tested method that has been generating results for generations of farmers. Using effluent to grow heaps of grass; simple and effective, it is feeding his whole farm with nutrients. Both things are improving efficiency, so his cows and sons reap the benefits.

Improving efficiency

To make more efficient use of his effluent, he has turned to a 10,000 Ltr slurry tanker and a PTO stirrer for his pond. He is producing all the grass, silage and hay he needs, reducing vet bills, improving soil health and managing the whole system from the cab of his tractor. It is a piece of cake to operate,
just two control valves. He comes home clean and relaxed, which gets a big thumbs up from his missus.

A headache he didn't need

Before they purchased a slurry tanker, John had a little traveller, which was a never-ending source of problems. Every day, something was going wrong or had to get fixed - it was more trouble than it was worth. In the end, enough was enough; he gave it away, got rid of a headache and bought a dream replacement.

Better soil health

John produces all the feed he needs and has no need for extra fertiliser. The area has suffered from a green drought, but with the slurry tanker , he has been able to reach every nook and cranny of the farm. Soil health has vastly improved.
He had it tested by his local agronomist, who couldn't believe the results. During the drought, his green land stayed green, and when the rain did finally arrive, the grass shot away.

Money well spent

Before he got his tanker, John was using contractors to empty his effluent pond. Good fellas but it cost $8,000 every time they turned up and the effluent never ended up where he wanted it. His pond needed to be emptied three times a year, which cost him $24,000. Investing in the slurry tanker he saved him that money straight away. So in John's way of thinking, in three years it will almost pay for itself. Add to that the increased silage he has been able to produce and the fact that he does not need to buy fertiliser, it makes sense anyway you look at it. More grass, more milk, less headaches.

The way to go

John's advice – if you're considering getting a tanker, go and talk to someone who's using one. Most farmers will give you the straight truth. If there was anything wrong with it, he'd be the first to tell you, but in his opinion, it is the way to go.

Watch Video Online

Less Hassle Than an Irrigator

Down on the coast of Waverley, Alan Coburn is making significant strides in his operations across 180ha. With a 380 cow dairy farm, Alan runs a 70% split calf in Autumn and 30% in Spring with two full-time staff.

Previously, Alan's effluent management operated on a straight pump to paddock system with an irrigator that needed to be moved twice a day due to the lack of storage facility available. Whether the southerly was blowing or the rain was pouring down, Alan and his staff were out working to move the irrigator twice a day and checking on the pump to ensure it was working properly.

Modern solution

The biggest concern for him in modernising operations was how to place a pond and keep the embankment secure without issues of erosion over time. When Alan contacted Nevada, all those concerns were flipped into positive solutions.

Nevada was able to deliver a complete package that included design of the whole system, the supply of equipment, and full installation. As soon as the design was finalised, a digging crew was sent out.

The best tools

Within a week the 1.3million litre pond was dug out and fully lined with a **HDPE pond liner**. In that time, Alan and his staff were able to focus on what they do best without any concern around the management or installation of the project. To further streamline operations, Alan opted for a **9m Nevada Electric Stirrer** with **Progressive Cavity (PC) Pump** for the main pond and a **submersible stirrer** with a **submersible transfer pump** for the sump.

You're in the driving seat

To spread effluent further down the farm, Alan decided on a **Nevada 12,800L Tandem Slurry Tanker**. Instead of having to get out in the rain to move an irrigator around, he is able to comfortably operate the tanker from his cab. In the middle of summer he is able to empty the whole pond and spread it across the paddocks efficiently. In his words, "it's a bloody good machine really" and even gives Alan time to get home for a beer.

Watch Video Online

"Our biggest benefits would be spreading the effluent further around the farm at a very reasonable cost structure."

AT-A-GLANCE
Alan Coburn

REGION
South Taranaki

FARM SIZE
180ha

CONTOUR
Fairly flat, the odd contour & hills

COWS
380

INPUTS
System 5, maize, grass silage & PKE & molasses

EFFLUENT STORAGE
1,300,000L HDPE lined

PRODUCTS
- Nevada 12,800L Tandem Slurry Tanker
- HDPE Pond Liner
- Nevada ELZ9 Electric Stirrer
- PC Pump 2690
- Submersible 1.5kW Pump
- Submersible Stirrer 2.2kW
- Mainline & Hydrants

Figures are approximate only.

Setting up an Effluent Contracting Business

The timing was perfect when Lars Smith took the leap into his own agricultural contracting business specialising in effluent spreading. Having spent a good 7 years working for a well-established agricultural contractor he could see the need for specialty effluent spreading services around Northland, and he was ready to go out on his own, so when the opportunity to purchase an existing business came up, he took it!

'Everything fell into place at once. I was ready to move on from my current ag contracting job and into my own thing. While over some beers with mates the opportunity arose to purchase an existing business as the current owner was wanting to slow down and retire. So LJS Contracting Limited was born.' said Lars Smith.

Delivering compliance needs

It turned out to be a great move, with LJS Contracting being in high demand throughout Northland, covering areas from Whangarei to Kaitaia. Lars has focused the business solely on dairy effluent spreading, enabling him to offer a service where clients not only get the job done well and on time, but that they're compliant with the ever-tightening council restrictions.

'Some of the biggest challenges with effluent spreading are keeping up with the ever-increasing restrictions, keeping ahead of the wet weather and getting to all your clients on time.'

More speed, more capacity

When Lars first bought the business, he inherited two **8,000L Nevada Single Axle Slurry Tankers**, but with the growing need for effluent spreading he purchased a **second-hand Nevada 10,000L Tandem Slurry Tanker with auto-fill**, which increased his capacity and speed in getting the job done.

After only 3 months of getting the 10,000L slurry tanker he quickly decided it was time to purchase a second auto-fill slurry tanker, but bigger. So, he bought a new **Nevada 12,800L Tandem Slurry Tanker**.

Automatic success

Now with two auto-filling slurry tankers and a PTO stirrer, no job is too big or too small for LJS Contracting Limited – check out some of their work here. Happily taking on more and more clients, and with their services in such high demand we wouldn't be surprised to see the business upgrading again in the near future!

AT-A-GLANCE
LJS Contracting

REGION
Northland

FARM SIZE
Any farm size

CONTOUR
Various

PRODUCTS
- Nevada 10,000L Tandem Slurry Tanker
- Nevada 12,800L Tandem Slurry Tanker

Figures are approximate only.

'I like how well Nevada tankers are built, their availability, and good backup service.'

NZ 0800 464 393
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Sustainable Effluent Management