

EXECUTIVE SUMMARY

Dean Sanders Grazing Property — Vortex Structured Water Field Testimonial

Video testimonial: “Gourmet Grass with Half the Water — Vortex Structured Water” • Presented by President Water Company

Overview

This executive summary is based on a promotional video testimonial published by President Water Company, featuring an on-camera interview between Jody Spencer (President Water) and grazier Dean Sanders at his property (referred to in the video as “Sunny Kira/Corrup”). The video documents Mr. Sanders’ self-reported experience after installing President Water PW Vortex Generator units (one-inch and two-inch models) on irrigation lines supplying a one-hectare grazed paddock, as well as on fruit trees at his house. The discussion covers irrigation frequency and volume, cattle stocking rates, dam (water storage) levels, and general pasture and fruit tree performance.

Note: Unlike the SR TAFE trial, this is an unstructured, single-property video testimonial recorded for marketing purposes. It contains no measured data, no control comparison, and no independent verification — all figures below are Mr. Sanders’ spoken, self-reported recollections as captured in the video transcript.

Key Claims — Irrigated Pasture (1 hectare)

Before Vortex Installation

- Paddock was irrigated nightly (“every day, every night”).
- Reported application rate of roughly 100,000 litres every two hours while watering overnight — described as “millions of litres” per night.
- Stocking rate: approximately 15 head of cattle on the one-hectare paddock.
- Three farm dams were typically emptied by this time of year (May) in prior seasons.

After Vortex Installation

- Irrigation frequency reduced to roughly twice per week (from nightly).
- Reported water use of about 100,000–200,000 litres per week, replacing the prior nightly volumes.
- Stocking rate increased from ~15 head to 20, then to 29 head on the same one-hectare paddock — cattle reportedly could not keep pace with grass growth even at 29 head.
- At the same point in the season, 1.5 of the 3 dams remained full, versus all three typically being empty in prior years.
- No fertiliser or soil inputs were applied during the season described — pasture was maintained on cattle manure alone and reportedly stayed green.
- Cattle were observed to preferentially graze the area served by the vortex-treated sprinkler, which Mr. Sanders attributed to the grass being “sweeter” in that zone.
- A side-by-side comparison shown in the video contrasts an unirrigated paddock (dormant, no cattle all summer) with the vortex-irrigated paddock, showing a visible difference in grass cover and regrowth.

Key Claims — Fruit Trees

- The first Vortex unit installed was on fruit trees at the homestead.
- Mr. Sanders reports fruit yield roughly tripled after installation.
- Newly planted trees, which would typically take one to two years to bear fruit, reportedly fruited in their first year.

These fruit tree results are also self-reported, with no yield measurements, comparison trees, or independent records referenced in the video.

Summary Observation

- Reported large reduction in irrigation frequency and total water applied to the paddock.
- Cattle stocking capacity on the same land area reportedly increased (roughly doubled, from ~15 to 29 head).
- Farm water storage (dams) reportedly retained more reserve at the same point in the season compared with prior years.
- Pasture maintained visible ground cover with zero applied fertiliser, relying on manure only.
- Anecdotal grazing preference and fruit tree performance are presented as supporting evidence, alongside a visual paddock comparison.

Notable Limitations

- This is a single-property, non-replicated testimonial (n = 1 grower, 1 paddock) with no control paddock, randomization, or independent measurement — findings are anecdotal, not statistically or scientifically validated.
- All figures (irrigation volumes, frequencies, stocking numbers, dam levels) are spoken recollections by the interviewee, not metered, logged, or third-party verified data.
- The video was produced and distributed by President Water Company as promotional content, and the interview was conducted by a President Water representative.
- No soil, water, or forage testing (e.g., biomass, nutrient content, Brix) is referenced, unlike the SR TAFE trial.
- Seasonal rainfall, temperature, and other confounding agronomic variables between “prior years” and the season described are not quantified or controlled for.
- Claims regarding cattle “sensing energy” or grass being “sweetened” by the device are subjective interpretations by the interviewee and are not mechanisms with established support in mainstream agricultural or soil science.
- Exact dates, location details, and paddock/irrigation specifications are incomplete or ambiguous in the video transcript.

Conclusion

In this promotional testimonial, grazier Dean Sanders attributes reduced irrigation water use, increased cattle stocking capacity, improved dam water reserves, and stronger fruit tree performance to the installation of President Water Vortex Generator units. These are self-reported, anecdotal observations from a single, non-replicated property with no independent measurement or control comparison, and should be treated as marketing testimony rather than validated research findings. As with the SR TAFE tomato trial, any production or purchasing decisions would benefit from independently measured, replicated field trials — with metered irrigation volumes, documented stocking data, and third-party verification — before broader claims about water savings or yield/carrying-capacity gains are drawn.