

# TESTIMONIAL



## *TwinN: The Key to Silage Production & Animal Health*

**D**AVID and Christine Denew from Yankallila, South Australia, are now in their second year of using TwinN, after achieving excellent results in 2008. The Denews' production system is based on silage, Angus breeding cows and calves targeted at the vealer market.

They rely totally on rainfall of 650mm in an average year and have no irrigation.

David said he was attracted to trying the product because "it is very well priced against other nitrogen fertilisers. We are also trying to swing away from chemical fertilisers due to their effect on the soil and their inefficiency. There is also no health risk in using TwinN and you can apply it in wet adverse weather conditions.

"It's not just the up front cost per hectare which I compare, but if you look at the amount of urea lost to leaching and volatilisation, TwinN is way ahead."

He also commented: "having used TwinN, it demonstrated an ongoing supply of nitrogen once applied to the ryegrass, something you don't see from other forms of top dressed nitrogen."

The Denews' grow 35 ha of ryegrass silage every year and have been perfecting their dry matter production system over the last 25 years.

David said "our previous practice was to use triple super as a base fertiliser at sowing, and topdressing the ryegrass with 75 kg of urea, but now we are using bio-solids, TwinN and a small amount of urea and the results are fantastic."

"We first used TwinN at the end of June last year (2008). It was very cold and wet, I applied it in the rain, we had 8mm of rain that day, and I also applied 30 kg of urea at the end of July.

"I saw a marked response on the crop in 30 days, and that paddock never looked back. After sowing and soon after emergence it was actually looking like our worst paddock. It soon improved dramatically and became our best crop.

"The colour of the plants and their tiller density was very noticeable against the other paddocks. It was dense and rich right through the growing season, it hung on well through the season, kept growing and the tillering was excellent.

"The paddock we used TwinN on ended up being our best paddock by a long way. **We cut double the dry matter from this paddock than all the others,** it was a very average year 2008, being a short growing season from the lack of finishing rain."

The amount of dry matter produced per hectare is very important, but so is animal health, and David commented: "our production system is not just reliant on dry matter produced but also on daily weight gain and fertility rates in our cattle. High nitrate levels in cattle fodder can cause poor fertility and poor growth rates.

"TwinN has the ability to extract nitrogen from the atmosphere and the way it supplies it to the plant we don't have to worry about the nitrate problem.

"Our cattle look excellent and the vealers are growing very well."



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