



EMNZ - Case study



Name: Megan Schutt
Farm Size: 284ha
Location: Rotorua, NZ

Case Study Outline

This on farm case study was implemented to determine the effectiveness of adding EM to the Schutt farm Herd barns . The Herd barns are a shelter with slatted floor and bunker effluent collection system underneath. The goal of this trial was to see whether adding EM into the herd barn could improve the overall environment and the resulting compost. The EM was inoculated into one Barn in February with the other barn being used as an untreated control. The idea behind inoculating in February gave the microbes 3 months to work on the compost before the cows were dried off and it would be applied to the pasture.





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Results (in the farmers words)

Firstly the compost doesn't seem to be comparable - there are now tiger worms in the which we had never seen before using EM

The smell difference between the two barns is very noticeable. The barn that hasn't had the EM added has a very strong ammonia smell. The one with EM added has next to no smell.

Again, when the compost product is being added to pasture there is a huge difference in the smell between the two barns. The EM barn almost has a sweet smell, which is not entirely unpleasant. It's also not burning the grass to the same extent as the untreated barn. The outcome has been so positive, we are about to brew more EM to apply in the untreated barn and we are also looking at other uses for this product. This year instead of using any antigerm/antibacterial in the calf barns I will use the EM product as a spray to promote healthy microbe populations.

