

ED SOUZA & SON DAIRY, TULARE, CA

Lagoon Treatment with Penergetic G

In February 2018 Ed Souza and Son Dairy started using Penergetic G for their dairy lagoon. An initial shock rate of 1.8 kg/25,000 gallons was applied. In the past they had used different products, but found they never had much success. After the initial Penergetic G treatment, they noticed significant microbial activity in the lagoon which they had never observed before in the winter.

Afterwards, using a small amount of Penergetic G weekly (5 grams per cow per week) for several weeks, they noticed that the large floating islands of solids in the lagoon were initially becoming smaller in size and eventually they were gone. About three weeks after starting treatment they noticed the lagoon began to change color from a dark black to a light brown, which indicated the conversion of the lagoon from an anaerobic to a more aerobic environment.

Also, when irrigating out of the lagoon, they observed there was much less crust/solids coming out of the irrigation lines. Furthermore, the typical manure/lagoon odor was nearly gone, even when pumping out the lagoon in preparation for winter.

After using Penergetic G for 18 months they calculate a 10% increase in lagoon storage capacity and a 50% reduction in solids in the lagoon.



Randy & Anthony Souza



TREATED WITH PENERGETIC G

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