



Applying QuikSoil® 2900

1. The dosage rate for QuikSoil® 2900 ranges from 3 to 6 ounces per wet ton of biosolids, depending on intensity and offensiveness of the odor. Water is added to the QuikSoil® 2900 to provide enough liquid to facilitate mixing. Typically, 80 to 100 ounces of water are added to each wet ton along with the 2900. This amounts to 6 to 7 pounds of additional weight per wet ton, an increase of only one third of one percent. Because the water is only a carrier, more water can be added if desired. The exact dilution should be determined by the limits of the application equipment and method (pump output and nozzle flow rates).
2. QuikSoil® 2900 is applied as the biosolids exit the belt press or centrifuge, or as they are loaded for transport. The application location should be the point which allows the maximum biosolids surface area to be contacted by the QuikSoil® 2900 and water mix. By applying as the biosolids exit the press or centrifuge, noticeable reductions in odor within the room or building can be achieved. QuikSoil® 2900 can be formulated in regular, ammonia sensitive (QuikSoil® 2900A), or sulfide sensitive (QuikSoil® 2900S) configurations.
3. The results of QuikSoil® 2900 usage are as follows:

Immediate reduction in odor of 50%

Additional 10% to 30% reductions in 1 to 5 hours*

Up to 80% reduction in ammonia and amine emissions*

Up to 80% reduction in reduced sulfur emissions*

* 3rd party test results include 80% reduction in amines, >85% reduction in reduced sulfur compounds, and >85% reduction in VOC's. Olfactometer test results showed 60% to 85% decreases in odor units.

Biosolids which have been subjected to lime stabilization or other alkaline sterilization processes are only suitable for QuikSoil®2900 treatment if the pH of the biosolids is 8.2 or lower.